

The highest and lowest water, mean stage, and monthly range at 291 river stations are given in Table VI. Hydrographs for typical points on seven principal rivers are shown on Chart I. The stations selected for charting are Keokuk, St. Louis, Memphis, Vicksburg, and New Orleans, on the Mis-

sissippi; Cincinnati and Cairo, on the Ohio; Nashville, on the Cumberland; Johnsonville, on the Tennessee; Kansas City, on the Missouri; Little Rock, on the Arkansas; and Shreveport, on the Red.—H. C. Frankenfield, Professor of Meteorology.

CLIMATOLOGICAL SUMMARY.

By Mr. JAMES BERRY, Chief of the Climatological Division.

SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS, FEBRUARY, 1906.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting greatest and least monthly precipitation, and other data, as indicated by the several headings.

The mean temperatures for each section, the highest and

lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observation. Of course the number of such records is smaller than the total number of stations.

Section.	Temperature—in degrees Fahrenheit.								Precipitation—in inches and hundredths.							
	Section average.	Departure from the normal.	Monthly extremes.				Section average.	Departure from the normal.	Greatest monthly.				Least monthly.			
			Station.	Highest.	Date.	Station.			Station.	Amount.	Station.	Amount.	Station.	Amount.	Station.	Amount.
Alabama	45.6	-0.7	Lucy	75	24	Oneonta	11	3	Mobile	4.87	Decatur	1.15				
Arizona	51.6	+ 2.5	Selma	75	26	St. Michaels	14	3	Huachuca Reservoir	4.44	Prescott	0.18				
Arkansas	41.8	+ 0.1	3 stations	89	3 dates	Dodd City	7	5	Luxora	4.00	Arkansas City	0.87				
California	52.0	+ 3.9	8 stations	75	5 dates	Tamarack	11	25	Monumental	22.27	Salton	0.00				
Colorado	29.7	+ 4.9	Hanford	94	27	Gunnison	29	8	Hahns Peak	1.63	8 stations	T.				
Florida	58.8	- 1.6	Lamar	82	21	Molino	23	1	Jupiter	6.44	Eustis	0.76				
Georgia	46.6	+ 0.3	Flamingo	85	26	Clayton	12	3	Glenville	4.27	Gainesville	0.21				
Hawaii	68.8†		Fleming	82	24	Hummula, Hawaii	29	2	Nahiku, Maui	9.27	2 stations	0.00				
Idaho	29.6	+ 1.5	Garnet	60	18	Soldier	22	8	Carrollton	4.45	Chesterfield	0.46				
Illinois	28.6	+ 2.4	Cobden	76	19	Flora, Windsor	15	7	Hammond	3.30	Paris	0.65				
Indiana	28.7	- 0.5	Mount Vernon	72	23	Bluffton, Kokomo	19	7	Mount Pleasant	2.91	Lima	0.40				
Iowa	23.6	+ 4.2	Red Oak	66	22	Inwood	32	10	Pleasanton	2.68	Lakin	0.02				
Kansas	35.8	+ 5.6	Farnsworth	81	28	4 stations	— 4	5, 9	Anchorage	1.81	Anchorage	1.00				
Kentucky	34.7	+ 0.1	Highbridge	75	23	Ridgelawn	12	7	Mobile	4.87	Robeline	0.40				
Louisiana	50.0	- 2.1	Jackson	75	24	Georgetown	17	9	Alberville	5.88	Westerviport, Md	0.46				
Maryland and Delaware	33.2	+ 2.3	Lake Charles	84	24, 26	Deer Park, Md	15	3	Princess Anne, Md	6.57	Iron River	0.20				
Michigan	20.8	+ 1.9	3 stations	68	14	Humboldt	— 36	15	St. James	4.52	Mount Iron	0.01				
Minnesota	13.8	+ 2.6	Coldwater	64	21	Bogley	— 47	14	Grand Meadows	1.42	McNeill	0.75				
Mississippi	45.9	- 2.0	Dundee	64	23	Watervalley	11	6	Patmos	4.76	Conception	0.85				
Missouri	33.7	+ 3.1	Versailles	73	22	Ironton	— 13	7	Sublett	4.40						
Montana	26.8	+ 6.3	Warsaw	73	22	Ridgeland	— 34	13	Cooke	5.20	2 stations	T.				
Nebraska	29.4	+ 6.1	Fort Logan	70	17	Winnebago	— 24	15	Dawson	2.68	2 stations	T.				
Nevada	36.4	+ 5.0	St. Pauls	70	24	Clovervalley	2	4	Lewers Ranch	3.90	Wadsworth	0.00				
New England*	24.5	+ 1.1	Beaver City	73	28	Enosburg Falls, Vt	— 36	6	Plymouth, Mass	5.33	Thomaston, Me	0.90				
New Jersey	30.9	+ 0.3	Culbertson	73	28	Layton	— 12	11	Woodbine	3.85	Ashbury Park	1.77				
New Mexico	39.2	+ 2.2	Fallon	69	26	Vermejo	— 1	5	Magdalena	2.11	3 stations	T.				
New York	22.8	+ 0.9	Martins Ranch	69	26	De Kalb Junction	— 33	6	Spier Falls	4.00	Atlanta	0.25				
North Carolina	41.5	+ 0.5	Boston, Mass	63	21	Faust	— 33	6	Washington	8.44	Lenoir	0.36				
North Dakota	9.8	+ 2.3	Clayton	64	24	Linville	— 2	3	New England	0.80	10 stations	T.				
Ohio	27.3	+ 0.2	Monument	79	20	Wishek	— 38	14	Ironton	2.76	Rocky Ridge	0.49				
Oklahoma and Indian Territories	41.0	+ 3.2	Hunt	75	24	Medina	— 23	6	Medina	3.28	Jefferson, Okla	T.				
Oregon	39.4	+ 2.0	Washington	78	20	Burns	— 7	5	Burns	5.27	Vale	0.20				
Pennsylvania	28.0	+ 0.8	Sentinel Butte	57	20	Granite	— 7	5	Franklin	5.27	Indiana	0.36				
Porto Rico	73.7		Clarin	72	23, 24	Franklin	— 21	6	Franklin (near)	2.24	Guanica Central	0.05				
South Carolina	46.0	- 0.7	Bucyrus	72	23, 24	Albonito	— 43	15	Georgetown	7.26	Greenville	0.96				
South Dakota	21.4	+ 6.8	Clarendon	72	24	Liberty	— 12	5	Burke's Garden	5.27	Cherry Creek	T.				
Tennessee	39.0	- 0.4	Greenwood	71	19	Ipswich	— 37	14	Parsons	1.70	Andersonville	2.90				
Texas	48.8	- 0.6	Springdale	76	20	Burns	— 5	7	Spencer	1.70	Franklinville	5.31				
Utah	33.7	+ 3.5	Fort Ringgold	91	24	Granite	— 21	6	Spencer	1.70	Claude	0.02				
Virginia	36.7	+ 0.9	Rockville	84	27	Albonito	— 45	15	Spencer	1.70	Green River	0.00				
Washington	38.6	+ 3.1	Arvonia	73	24	Burke's Garden	— 2	3	Spottsville	5.62	Hot Springs	0.32				
West Virginia	32.4	+ 1.5	Loverings Ranch	69	3	Cusick	— 0	5	Union City	11.74	Wenatchee (near)	0.59				
Wisconsin	17.2	+ 1.2	Sutton	79	24	Parsons	— 11	28	Weston	3.34	Durbin	0.46				
Wyoming	23.8	+ 4.5	Sturgeon Bay	58	23	Prentice	— 41	5	Shullsburg	2.18	Downing	T.				
			Wheatland	72	22	Jackson	— 33	7	Upper Geyser Basin, Y. N. P.	3.71	2 stations	T.				

* Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

† 48 stations, with an average elevation of 625 feet.

‡ 147 stations.

THE WEATHER OF THE MONTH.

By Mr. WM. B. STOCKMAN, Chief of the Division of Meteorological Records.

The contour of the isobars of the mean sea-level pressure for the month does not materially differ from that of the normal, but in the area of greatest pressure the values are .15 inch, or more, above normal, and over the eastern portion of

the upper and the lower Lake region the positive departures are still greater.

The mean pressure of the month increased over that of January, 1906, except over the Plateau and Pacific regions.